

Thursday, January 07, 2016 1:23:42 PM

Page 1

Stop ***NR2***

Draw Nbr	Revision Nbr
D4182	B

(5)

Issue P/O: 30969
Purchase Part Number: P/N 6718K52
Supplier: MCMaster Carr
Material release note is required.

Packaging

Ensure material release note is attached

5x 506-01-15

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					

Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐			FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
			OTHER : ☐					

Work Order ID 140529

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140529

Page 2

Item ID: D4182-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Fitting, Quick Disconnect
Start Date: 1/7/2016 Start Qty: 5.00 ***5*** Cust Item ID:
Required Date: 1/7/2016 Req'd Qty: 5.00 ***5*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00							DAS 38 9-89
120									
QC	Memo	0.00							
Quality Control									JAN 18 2016
130	Identify as per dwg & Stock Location: <u>Stoey</u>	0.00							
130									
Packaging	Memo	0.00							DAS 6 9-89
Packaging									JAN 19 2016
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.01							
Quality Control									JAN 19 2016

MLJ JAN 19 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

Thursday, January 07, 2016 1:23:46 PM

Page 1

Work Order ID: 140529

140529

Parent Item: D4182-1

D4182-1

Parent Item Name: Fitting, Quick Disconnect

Start Date: 1/7/2016

Required Date: 1/7/2016

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP Rev:A 10.10.05 new issue verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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6718K52

Purchased

No

110

Each

0.0000

1

5

6718K52

Fitting, Quick Disconnect

5x SP 16-01-15.

DQA: _____ Date: _____



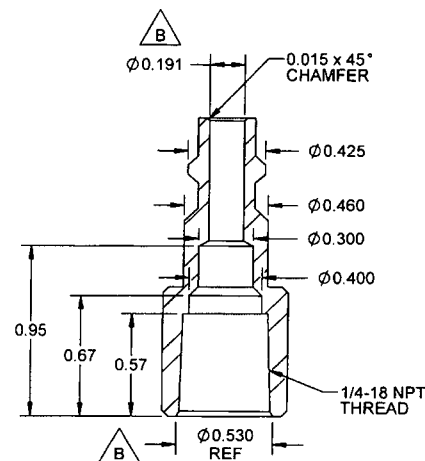
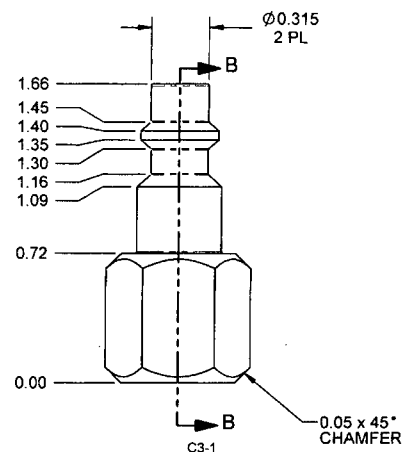
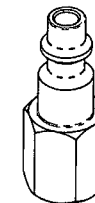
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

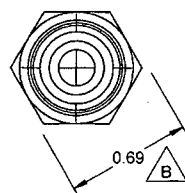
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
☐ OTHER : _____					

SPECIFICATION CONTROL DRAWING



SECTION B-B C6-1



D4182-1 FITTING, QUICK DISCONNECT

NOTES:

- 1) MATERIAL: STAINLESS STEEL
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.07 lbs
- 8) POSSIBLE SUPPLIER: McMASTER CARR P/N 6718K52

STOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO 14-0529 MJS
16-01-07

RELEASED
2011-06-30
ND

B	0.191 WAS 0.201 (ZN D4-1); 0.57 WAS 0.45 (ZN C4-1); 0.69 WAS 0.62 (ZN B5-1)	RF	11.03.07
A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.	RF	DSC-D4182	SHEET 1 OF 1
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	FITTING	NTS
DATE	11.03.07	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

DART
AEROSPACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30969**

Purchase Order Date 1/12/2016

PO Print Date 1/12/2016

Page Number 2 of 7

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To :

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Total: \$8.60

4	92311A599	SET SCREW	1/14/2016 Yes 1/14/2016	100.00 Each	\$0.22	\$21.60
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AS PER DWG D2712 REV. B
B140532

Line Total: \$21.60

5	6718K52	Fitting, Quick Disconnect	1/14/2016 Yes 1/14/2016	5.00 Each	\$5.64	\$28.20
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AS PER DWG D4182 REV. B
B140529

Line Total: \$28.20

6	71725-45	3481T8 PARKING SIGN	1/14/2016 Yes 1/14/2016	2.00 Each	\$29.48	\$58.96
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Note:

1/12/2016

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO30969

Order Placed By
Chantal Lavoie

McMaster-Carr Number
5554149-01

Page 1 of 1

01/12/2016

Line	Product	Ordered	Shipped
1	8672K31 UHMW Polyethylene Trim, Screw Mount, U-Shape, 1" Inside Width	40 Feet	40
2	9928K53 Impact-Resistant UHMW Polyethylene U-Channel, 1" Base X 3/4" Legs, 1/4" Thick, 8' Long	24 Feet	24
3	95606A170 Nylon Flat Washer, 7/16" Screw Size, 0.500" ID, 0.688" OD, Off-White, Packs of 100	1 Pack	1
4	92311A599 18-8 Stainless Steel Cup Point Set Screw, 5/16"-24 Thread, 5/8" Long, Packs of 50	2 Packs	2
5	6718K52 Stainless Steel Industrial-Shape Hose Coupling, Plug, 1/4" NPTF Female, 1/4 Coupling Size	5 Each	5
6	3481T8 Reflective Aluminum Parking Sign, 12" X 18", "Visitor Parking Only"	2 Each	2
7	8841A21 Multi-Diameter Step Drill Bit, High-Speed-Steel, 13 Sizes, 1/8"-1/2", 1/4" Shank Diameter, 1/8" Max Thickness	8 Each	8
8	3814A301 8-Point Breakaway Blade for, Breakaway-Blade Knife, Packs of 100	2 Packs	2
9	8855K34 1006-1008 Carbon Steel Wire, Galvanized, .063" Diameter, 100-lb Coil, 9600' Coil	1 Each	1
10	9434T17 Steel Clamp with One Mounting Hole, 1/2" ID, Packs of 50	2 Packs	2
11	2424A55 Conduit Bender, 1/2 EMT Capacity, Aluminum	1 Each	1
12	2424A65 Conduit Bender, 3/4 EMT, 1/2 IMC & Rigid Capacity, Aluminum	1 Each	1
13	69995K84 Battery Box, 11-3/4" H X 11" W X 7-7/8" D Inside, Polypropylene	1 Each	1
14	4424A506 Flexible Cylinder Hone, for Aluminum & Soft Metals, 7/8" Cylinder ID, 320 Grit	1 Each	1
15	4424A506 Flexible Cylinder Hone, for Aluminum & Soft Metals, 7/8" Cylinder ID, 600 Grit	1 Each	1
16	91732A368 18-8 Stainless Steel Standard Helical Insert, 1/4"-20 Internal Thread, .25" Length, MS122081, Packs of 10	3 Packs	3
17	2684A29 Through-Hole Tap for Steel, Stainless Steel, & Fiberglass, 4-40 Thread Size	3 Each	3

5
SP/16-01-15

McMaster-Carr Supply Company
200 Aurora Industrial Pkwy
Aurora, OH 44202-8087 USA
Phone: 330-995-5500 Fax: 330-995-9600
E-Mail: cle.sales@mcmaster.com
Employer Identification Number (EIN): 36-1458720

Invoice: 47076967
Purchase Order: PO30969
Release:
McMaster-Carr Number: 5554149-01

ORIGINAL COMMERCIAL
INVOICE
CERTIFICATE OF ORIGIN

Line	Description	Qty & Unit	Unit Price	Extension
5	6718K52 Stainless Steel Industrial-Shape Hose Coupling, Plug, 1/4" NPTF Female, 1/4 Coupling Size Country of Origin: United States Schedule B #: 848190 ECCN #: 2B999 NLR	5 EA	\$5.64	\$28.20
6	3481T8 Reflective Aluminum Parking Sign, 12" X 18", "Visitor Parking Only" Country of Origin: United States Schedule B #: 831000 ECCN #: EAR99 NLR	2 EA	\$29.48	\$58.96
7	8841A21 Multi-Diameter Step Drill Bit, High-Speed-Steel, 13 Sizes, 1/8"-1/2", 1/4" Shank Diameter, 1/8" Max Thickness Country of Origin: United States Schedule B #: 820750 ECCN #: EAR99 NLR	8 EA	\$19.07	\$152.56
8	3814A301 8-Point Breakaway Blade for, Breakaway-Blade Knife, Packs of 100 Country of Origin: United States Schedule B #: 821194 ECCN #: EAR99 NLR	2 PK	\$34.00	\$68.00
9	8855K34 1006-1008 Carbon Steel Wire, Galvanized, .063" Diameter, 100-lb Coil, 9600' Coil Country of Origin: Turkey Schedule B #: 721720 ECCN #: EAR99 NLR	1 EA	\$245.72	\$245.72
10	9434T17 Steel Clamp with One Mounting Hole, 1/2" ID, Packs of 50 Country of Origin: United States Schedule B #: 732690 ECCN #: EAR99 NLR	2 PK	\$4.64	\$9.28
11	2424A55 Conduit Bender, 1/2 EMT Capacity, Aluminum Country of Origin: Peoples Republic of China Schedule B #: 820559 ECCN #: EAR99 NLR	1 EA	\$24.67	\$24.67
12	2424A65 Conduit Bender, 3/4 EMT, 1/2 IMC & Rigid Capacity, Aluminum Country of Origin: Peoples Republic of China Schedule B #: 820559 ECCN #: EAR99 NLR	1 EA	\$39.71	\$39.71
13	69995K84 Battery Box, 11-3/4" H X 11" W X 7-7/8" D Inside, Polypropylene Country of Origin: United States Schedule B #: 392310 ECCN #: EAR99 NLR	1 EA	\$15.59	\$15.59
14	4424A506 Flexible Cylinder Hone, for Aluminum & Soft Metals, 7/8" Cylinder ID, 320 Grit Country of Origin: United States Schedule B #: 680422 ECCN #: EAR99 NLR	1 EA	\$30.92	\$30.92
15	4424A506 Flexible Cylinder Hone, for Aluminum & Soft Metals, 7/8" Cylinder ID, 600 Grit Country of Origin: United States Schedule B #: 680422 ECCN #: EAR99 NLR	1 EA	\$30.92	\$30.92

Number of Packages: 2

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